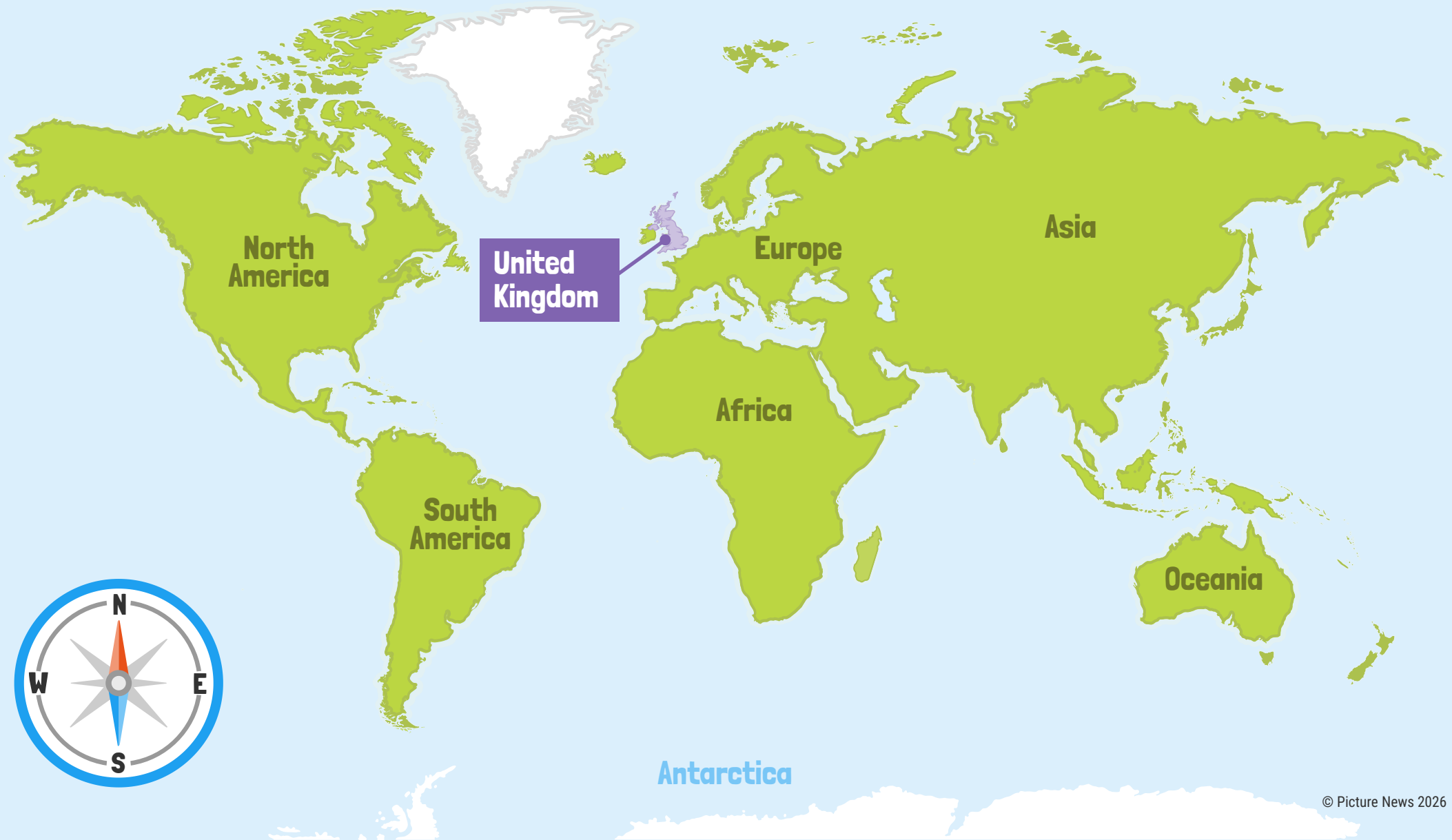


This week's story looks at events related to ...





**What is the best way
to support people
who need extra help?**





Let's look at this week's story

New AI-supported glasses to help people with dementia or memory problems have won a £1 million prize. The glasses, made by the company CrossSense, can recognise objects and show labels or give spoken instructions to help people remember what things are and what to do. They use an AI assistant that learns how each person lives and adapts to their needs over time. Early tests show these glasses could help wearers feel more confident and independent in their daily lives.



Learn more about this week's story [here](#).
Watch this week's useful video [here](#).
This week's Virtual Picture News [here](#).



Useful Vocabulary



Accessible

Something designed so that everyone, including people with disabilities, can use or understand it.

Thinking carefully about how and when we use it can help us make the world more **accessible** for everyone.

Adapt

To change to fit a new use or purpose.

They use an AI assistant that learns how each person lives and **adapts** to their needs over time.

AI (artificial intelligence)

When computers or machines are trained to perform tasks that usually require a human brain, such as solving problems or learning from information.

What are the **AI (artificial intelligence)** glasses?

Invention

A brand-new tool, machine, or way of doing something that is created to solve a problem or make life easier.

The prize was funded by the Alzheimer's Society and Innovate UK to help the company develop its **invention**.

Memory

The brain's ability to take in information and to remember a fact or a past event.

The glasses have been created to help people with conditions such as dementia, which affects **memory**, thinking, and the ability to complete everyday tasks.

Verbal

Anything that uses spoken or written words to share information or express ideas.

They can give **verbal** instructions and can also talk to the wearer and answer questions on a range of topics.

Can you use them in a conversation this week?



Read the information found below, which provides more details about the new glasses and who could benefit from them.

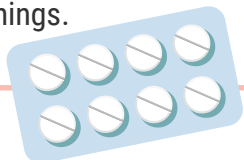
New AI glasses

What are the AI (artificial intelligence) glasses?

They are special glasses that use AI to recognise and label objects, using the glasses as a screen. They can give verbal instructions, talk to the wearer, and answer questions on a range of topics.

Who will benefit from the glasses?

The glasses have been created to help people with conditions such as dementia, which affects memory, thinking, and the ability to complete everyday tasks. It can make it harder to remember names, places, or how to do things.



Above: What the person using the glasses sees when there is a warning.

Source: GNN screenshot of SWNS/CrossSense video

What prize did the glasses win?

The company that made the glasses, CrossSense, won £1 million from an award called the Longitude Prize on Dementia. The prize was funded by the Alzheimer's Society and Innovate UK to help the company develop its invention.

The panel of international expert judges agreed that the winning solution was a genuine breakthrough technology, with revolutionary potential for people living with dementia and their families.

How do the glasses work?

1. The glasses have a camera, microphone and speakers.
2. They use the small camera to 'see' what the person is looking at.
3. AI then works out what the object is.
4. It gives helpful prompts, like: 'This is a kettle' and 'You need to turn it on'.
5. It will also give warning when needed.



Share your thoughts and how you think the technology will impact the lives of the users and their families.

Resource
one



Look at the resource below, which shows some different pieces of technology that help people.



washing machine



scissors



hearing aid

Have you seen any of these items before? Where?
Which use electricity? Which do not?
How do they help people?
Can you think of any other examples of useful technologies?



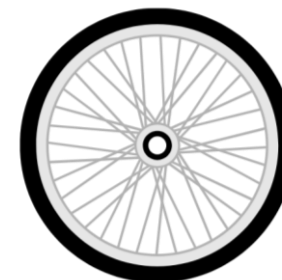
sat nav



tablet



wheelchair



Resource two



Look at the resource below, which shares some different ways AI is used in our lives.

Health and fitness



Some watches and fitness bands can use AI to track things like sleep, heart rate and exercise. They can spot patterns and warn people if something does not seem right.

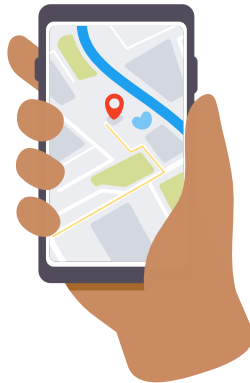
Voice assistants



Tools such as Siri, Google Assistant and Alexa use AI to understand what people say and respond to questions or commands.

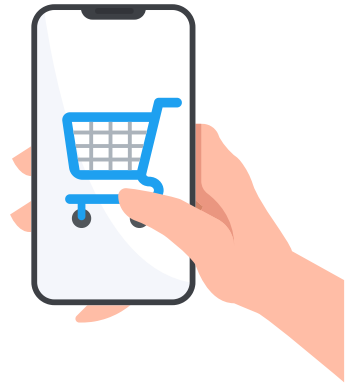
Navigation

Navigation apps including Google Maps and Waze use AI to study traffic and travel information, helping people choose the best route.



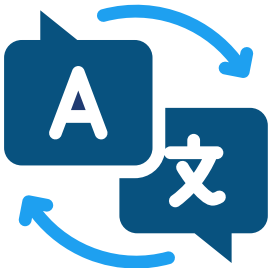
Online shopping

Websites like Amazon use AI to suggest products people might like, based on what they have looked at or bought before.



Translation

Google Translate and other translation apps use AI to change words from one language into another. This can help people understand each other more easily.



Entertainment recommendations

Apps such as Netflix, Spotify and YouTube use AI to recommend shows, videos or songs based on what someone has enjoyed before.



British Values



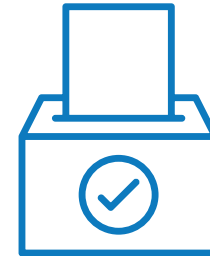
I Really Do Matter!



Individual Liberty



Rule of Law



Democracy



Mutual Respect and Tolerance



This story shows individual liberty as the glasses help people with dementia to be more independent and make their own choices.

This story shows mutual respect and tolerance because it uses technology to treat people with kindness and help people with dementia feel included.



**Which British Value can you see in this week's story?
Do you agree with either person, or think something different?**

Protected Characteristics



Which protected characteristic do you think this week's story highlights?



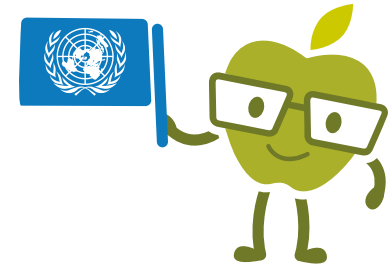
This week's story supports the protected characteristic of disability, because the glasses help people with dementia to complete daily tasks more easily and live more independently.

Share your thoughts. Do you agree?





UN Rights of the Child



AI has the potential to help children with disabilities live more independently and confidently, supporting their right to live a full life and the care they need to thrive.



Reflection



Technology can be used in powerful ways to support people and improve their lives. Thinking carefully about how and when we use it can help us make the world more accessible for everyone.

